

ACCMIP 2nd workshop, Pasadena: agenda

Jan 30

9:00 am – Welcome to Pasadena/JPL Center for Climate Sciences

K Bowman & J. Teixeira

9:15 am – Introduction and goals of workshop, D Shindell/JF Lamarque

ACCMIP research

Session 1: Ozone

9:20 - P Young (budget, comparison with sondes)

9:50 - K Bowman (comparison with satellite)

10:20 - B Collins (climate penalty on air quality)

10:50 coffee break

11:10 - A Archibald (intercomparison of chemical mechanisms)

11:40 – JF Lamarque (radiative forcing)

12:00 - S Anenberg (ozone & health)

12:10 – ozone discussion

12:30 Lunch

Session 2: Methane & OH

1:45 - V Naik & A Voulgarakis (historical and future OH trends)

2:35 - C Holmes (recent trends/variability in CH₃CCl₃ lifetime, applications to future OH)

2:55 - M Prather (uncertainties in projecting future CH₄ and N₂O from RCPs)

3:15 – Methane/OH discussion

3:30 coffee break

3:50 – General discussion on topics of the day:

- additional diagnostics
- additional analysis

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Session 3: Aerosols (deposition, RF, comparison with observations, health impacts)

9:00 – M Schulz [presented by ?] (comparison with observations)

9:30 - Y Lee (BC deposition on snow/ice)

10:00 - D Shindell (radiative forcing)

10:30 coffee break

Session 3: Aerosols (continued)

10:50 - S Anenberg (PM and health)

11:20 – F Dentener (nitrogen & sulfur deposition)

11:40 – aerosol discussion

12:30 Lunch

Session 4: Model evaluation

1:45 - JF Lamarque/V Eyring (composition & climate)

2:15 – R. Doherty (convection)

2:30 – evaluation discussion

3:15 coffee break

3:30 — J. Neu (CCMVal diagnostics)

3:45 – J. Teixeira (obs4mip)

4:00 - General discussion on satellite composition/model comparisons
(K. Bowman, moderator)

Feb 1: Morning only: Session 5: Papers and next steps:

9:00-12:30

- 1) Should there be a special issue, a summary paper, etc?
- 2) What is still being run? Do we have critical mass on simulations aside from ACCMIP_1 (e.g. ACCMIP_2, ozone precursors, sectoral, flux perturbations)? What are highest priorities?
- 3) For future phases, should we expand discussions with IAM groups about additional scenarios that could be explored by ACCMIP models?
- 4) General discussion of the archive, the wiki, model documentation, etc.
- 5) IGAC/SPARC Davos meeting and plans for model/observation comparisons